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SUMMARY OF VITAL STATISTICS, 1949

Department of Health, City of New York

John F. Mahoney, M.D., *Commissioner*

This publication usually appears every year considerably in advance of the printed annual report of the Department of Health and presents, in condensed form, the vital statistics of the City of New York. The tables herein give data not only for the current year but also for many preceding years in order to show changes over a period of time. The first table on page 2 shows the population, live births, marriages, deaths, fetal deaths (abortions, miscarriages, and stillbirths), and infant mortality for each year since 1898, the year of the consolidation of the City of New York. Rates as well as numbers are shown in the table.

Crude rates are affected by the age, color, and sex composition of the population. The greater the percentage of older persons in the population, the more deaths will there be and the higher will be the crude death rate. Similarly, the greater the percentage of non-whites in the population, the greater will be the crude death rate from such causes as tuberculosis. To eliminate the effect of changes in the age, sex, and color composition of the city's population a "corrected" or "standardized" rate is used. This rate is the weighted average of the age specific rates for the particular cause. The age specific rates are more valuable, but lack of space sometimes dictates the use of a "standardized" rate. The actual value or level of these rates depends on the standard used, since the standard determines the weighting factors, and an individual value has little meaning. However, a series of standardized rates for a particular cause, shows the changes in the rate for that cause exclusive of the effects of changes in the composition of the population. This permits judging whether the rates are really increasing or decreasing and by how much. For this reason there is included the middle table on page 6, which shows "standardized" rates for deaths from all causes and 12 individual causes.

The age specific rates, by sex, for deaths from all causes are shown for the five census years since 1900 in the top table of page 6. The reduction in the risk of dying in each age group shows why present-day New Yorkers may expect to live much longer than did those of 1900.

One of the most interesting tables is the one on page 7. It shows the leading causes of death at six different age groups, by sex. For instance, at one to 14 years of age, accidents cause more deaths among males than any other cause. In females of the same age group, accidents and malignant neoplasms vie for the top place. In the next age group, malignant neoplasms and accidents are tied for first place among males, but among females tuberculosis causes more deaths than any other cause. Beginning with age 45 years, heart disease takes over first place and malignant neoplasms second place.

Some radical changes have resulted from the use of the sixth decennial revision of the International List of Causes of Death made in 1948 and from the use of new rules for coding causes of death on certificates mentioning more than one cause. The use of this new classification practice makes a mortality pattern different in some respects from that which would have been produced with the same data by use of the old List and old coding rules. Some causes have more deaths assigned to them now than they had previously. Other causes have fewer deaths assigned under the new procedure. Among the important causes which show fewer deaths are nephritis, diabetes, and syphilis. Among those which have more deaths assigned to them under the new procedures are rheumatic fever, diarrhea and enteritis, influenza, and cerebral vascular lesions. Therefore, it seems advisable to present current data showing mortality from selected causes according to both the fifth and sixth revisions of the International List so that comparisons may be made with the data of previous years. The table on page 3 shows deaths from each of the 44 causes of death of the Abridged International List, Fifth Revision. The table on page 4 shows the same data according to the Abridged International Statistical Classification of Diseases, Injuries and Causes of Death, Sixth Revision. For the year 1949 the table on page 10 shows mortality data for selected causes according to both the fifth and sixth revisions of the International List. It is planned to continue such comparisons for 1950 and 1951.

Before this publication went to press, the Census Bureau made available preliminary 1950 Census figures for New York City. These preliminary figures showed that the population of the City of New York in 1950 was below our estimate for that year. It, therefore, proved necessary to recompute the population estimates of the 1940's. Because of the unsettled conditions of these years, it was felt that the best method for making these new estimates is the arithmetic progression between the 1940 and 1950 Census counts. Since the new estimates for the latter years of the decade are lower than the original ones, the natality and mortality rates, are higher than those previously published.

Population, Births, Marriages, Deaths and Infant Mortality, 1898-1949

Year	Estimated Population July 1	Live Births*		Marriages		Deaths		Fetal Deaths		Infant Mortality	
		Total Reported	Rate per 1,000	Total Reported	Rate Per 1,000	Total Reported	Rate per 1,000	Total Reported	Ratio to 1,000 Live Births	Deaths Under One Year	Rate per 1,000 Live Births
1898	3,272,000	119,000	36.4	28,885	8.8	66,294	20.3	5,638	47.4	16,770	140.9
1899	3,357,000	116,000	34.6	30,474	9.1	65,343	19.5	5,463	47.1	15,381	132.6
1900	3,446,000	123,000	35.7	32,247	9.4	70,872	20.6	5,815	47.3	16,640	135.3
1901	3,554,000	122,000	34.3	33,447	9.4	70,720	19.9	5,750	47.1	15,467	126.8
1902	3,666,000	127,000	34.6	36,207	9.9	68,085	18.6	6,011	47.3	15,526	122.3
1903	3,781,000	129,000	34.1	38,174	10.1	67,864	17.9	6,078	47.1	14,413	111.7
1904	3,901,000	133,000	34.1	39,436	10.1	78,060	20.0	6,288	47.3	16,125	121.2
1905	4,026,000	135,000	33.5	42,675	10.6	73,714	18.3	6,352	47.1	16,522	122.4
1906	4,167,000	141,000	33.8	48,355	11.6	76,203	18.3	6,646	47.1	17,188	121.9
1907	4,314,000	149,000	34.5	51,097	11.8	79,205	18.4	7,351	49.3	17,437	117.0
1908	4,469,000	146,000	32.7	37,449	8.4	73,072	16.3	7,191	49.3	16,231	111.2
1909	4,632,000	142,000	30.7	41,513	9.0	74,105	16.0	6,697	47.2	15,976	112.5
1910	4,785,000	143,000	29.9	46,417	9.7	76,742	16.0	6,751	47.2	16,215	113.4
1911	4,873,000	141,000	28.9	48,765	10.0	75,423	15.5	6,673	47.3	15,053	106.8
1912	4,961,000	140,000	28.2	51,703	10.4	73,008	14.7	6,619	47.3	14,289	102.1
1913	5,049,000	140,000	27.7	51,268	10.2	73,902	14.6	6,629	47.4	13,780	98.4
1914	5,137,000	140,647	27.4	53,051	10.3	74,803	14.6	6,617	47.0	13,312	94.6
1915	5,225,000	141,256	27.0	50,997	9.8	76,193	14.6	6,413	45.4	13,866	98.2
1916	5,312,000	137,664	25.9	54,782	10.3	77,801	14.6	6,253	45.4	12,818	93.1
1917	5,400,000	141,564	26.2	59,210	11.0	78,575	14.6	6,117	43.2	12,568	88.8
1918	5,488,000	138,046	25.2	56,733	10.3	98,119	17.9	6,793	49.2	12,657	91.7
1919	5,576,000	130,377	23.4	60,256	10.8	74,433	13.3	5,984	45.9	10,639	81.6
1920	5,684,000	132,856	23.4	64,422	11.3	73,249	12.9	6,234	46.9	11,340	85.4
1921	5,812,000	134,241	23.1	60,846	10.5	64,257	11.1	6,297	46.9	9,548	71.1
1922	5,939,000	129,684	21.8	58,192	9.8	69,690	11.7	6,125	47.2	9,666	74.5
1923	6,067,000	129,160	21.3	66,430	10.9	69,452	11.4	6,023	46.6	8,578	66.4
1924	6,195,000	130,436	21.1	62,254	10.0	71,252	11.5	6,448	49.4	8,820	67.6
1925	6,323,000	128,790	20.4	64,826	10.3	71,864	11.4	6,134	47.6	8,315	64.6
1926	6,451,000	125,515	19.5	68,417	10.6	76,082	11.8	6,054	48.2	8,509	67.8
1927	6,579,000	128,889	19.6	66,431	10.1	70,430	10.7	5,895	45.7	7,210	55.9
1928	6,707,000	126,332	18.8	62,424	9.3	78,091	11.6	6,121	48.5	8,280	65.5
1929	6,835,000	124,404	18.2	65,780	9.6	77,482	11.3	5,726	46.0	7,281	58.5
1930	6,944,000	122,811	17.7	63,337	9.1	74,888	10.8	5,700	46.4	7,030	57.2
1931	6,996,000	115,621	16.5	61,574	8.8	77,418	11.1	5,579	48.3	6,427	55.6
1932	7,048,000	109,878	15.6	58,957	8.4	74,319	10.5	5,396	49.1	5,594	50.9
1933	7,101,000	103,500	14.6	60,116	8.5	75,153	10.6	5,347	51.7	5,508	53.2
1934	7,153,000	101,239	14.2	67,347	9.4	75,857	10.6	5,070	50.1	5,287	52.2
1935	7,206,000	100,657	14.0	68,372	9.5	75,057	10.4	4,902	48.7	4,790	47.6
1936	7,258,000	98,507	13.6	72,234	10.0	77,638	10.7	4,992	50.7	4,490	45.6
1937	7,311,000	101,988	13.9	69,417	9.5	77,465	10.6	4,847	47.5	4,457	43.7
1938	7,363,000	102,045	13.9	63,493	8.6	73,775	10.0	4,995	48.9	3,910	38.3
1939	7,416,000	102,261	13.8	62,288	8.4	75,439	10.2	6,831#	66.8#	3,793	37.1
1940	7,466,000	107,287	14.4	78,487	10.5	76,008	10.2	7,986	74.4	3,746	34.9
1941	7,511,000	114,367	15.2	83,012	11.1	74,553	9.9	8,974	78.5	3,519	30.8
1942	7,555,000	131,989	17.5	81,454	10.8	75,675	10.0	10,013	75.9	3,805	28.8
1943	7,600,000	134,520	17.7	76,059	10.0	83,174	10.9	9,508	70.7	4,069	30.2
1944	7,644,000	122,748	16.1	67,315	8.8	78,783	10.3	9,987	81.4	3,829	31.2
1945	7,689,000	128,853	16.8	72,589	9.4	79,726	10.4	10,367	80.5	3,918	30.4
1946	7,733,000	152,736	19.8	104,548	13.5	78,481	10.1	12,980	85.0	4,239	27.8
1947	7,778,000	171,174	22.0	95,897	12.3	80,733	10.4	14,077	82.2	4,517	26.4
1948	7,822,000	157,969	20.2	92,273	11.8	81,651	10.4	14,018	88.7	4,138	26.2
1949	7,867,000	156,932	19.9	79,367	10.0	78,593	10.0	14,455	92.1	3,942	25.1

* 1898-1913 birth figures are estimated, as the number actually reported was undoubtedly incomplete.
\# Increase due to improved reporting of fetal deaths under 20 weeks gestation.

Births, Deaths, Maternal Deaths and Fetal Deaths, by Borough of Report, 1949

Borough	Estimated Population July 1	Live Births	Deaths	Fetal Deaths	Maternal Deaths		
					Number	Rate per 10,000 Live Births	Rate per 10,000 Total Births*
Manhattan	1,948,000	51,801	27,865	5,453	55	10.6	9.6
The Bronx	1,451,000	20,376	12,398	1,905	19	9.3	8.5
Brooklyn	2,738,000	57,716	24,483	4,893	48	8.3	7.7
Queens	1,539,000	22,930	11,148	2,043	10	4.4	4.0
Richmond	191,000	4,109	2,699	161	.....	.....	.....
City of New York	7,867,000	156,932	78,593	14,455	132	8.4	7.7

* Live births and fetal deaths.

Recorded Births, Fetal Deaths, and Deaths by Borough of Residence
City of New York, 1949

	Total Recorded In New York City	Known Residents By Borough of Residence					Known Non-Residents of City	Permanent Res. Unknown
		Manhattan	Bronx	B'klyn	Queens	Rich'd		
Live births	156,932	36,001	25,063	54,946	29,052	3,902	7,134	834
Rate per 1,000 population	19.9	18.5	17.3	20.1	18.9	20.4	.....	.....
Fetal deaths (stillbirths)*	14,455	4,050	2,240	4,723	2,455	156	681	150
Rate per 1,000 live births	92.1	112.5	89.4	86.0	84.5	40.0	.....	.....
Deaths under one year	3,942	1,055	598	1,344	631	108	166	40
Rate per 1,000 live births	25.1	29.3	23.9	24.5	21.7	27.7	.....	.....
Deaths under one month	2,998	908	455	1,014	490	79	118	33
Rate per 1,000 live births	19.1	22.5	18.2	18.5	16.9	20.2	.....	.....
Deaths from all causes	78,593	21,971	12,853	25,125	12,730	1,940	2,869	1,105
Death rate per 1,000 population	10.0	11.3	8.9	9.2	8.3	10.2	.....	.....
1. Typhoid and paratyphoid fevers	4	.....	2	.....	2	.....	.....	.....
2. Plague	.....	.....	.....	.....	.....	.....	.....	.....
3. Scarlet fever	1	.....	1	.....	.....	.....	.....	.....
4. Whooping cough	14	6	1	6	1	.....	.....	.....
5. Diphtheria	2	.....	.....	1	1	.....	.....	.....
6. Pulmonary tuberculosis	2,460	1,057	289	610	257	45	86	116
7. Other tuberculosis	192	78	29	54	17	3	8	3
8. Malaria	1	1	.....	.....	.....	.....	.....	.....
9. Syphilis	476	218	56	108	54	12	15	13
10. Influenza	27	10	5	10	1	.....	1	.....
11. Smallpox	.....	.....	.....	.....	.....	.....	.....	.....
12. Measles	8	1	1	3	2	1	.....	.....
13. Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....
14. Other infectious diseases	546	118	79	183	99	13	53	1
(a) Meningococcus meningitis	32	13	3	9	6	.....	1	.....
(b) Acute poliomyelitis	189	24	23	93	32	7	10	.....
(c) Epidemic encephalitis	46	13	10	13	6	1	3	.....
15. Cancer	15,158	3,886	2,586	4,821	2,540	350	887	88
16. Non-malignant tumors	370	86	69	104	56	5	49	1
17. Chronic rheumatism, gout	42	12	8	12	7	1	2	.....
18. Diabetes	3,612	792	675	1,441	547	83	62	12
19. Alcoholism	248	124	12	55	24	3	9	21
20. Avitaminoses, other general diseases and chronic poisonings	998	217	167	323	176	18	90	7
21. Simple meningitis and spinal cord diseases	193	65	34	46	29	5	6	8
22. Intracranial lesions of vascular origin	3,677	1,123	563	1,059	649	143	100	40
23. Other diseases of the nervous system and sense organs	380	118	64	115	53	10	16	4
24. Diseases of the heart	30,766	8,292	5,265	10,354	5,098	798	664	295
25. Other diseases of the circulatory system	1,312	390	208	400	214	38	47	15
26. Bronchitis	119	35	24	35	13	3	5	4
27. The pneumonias	2,492	831	309	811	315	57	69	100
(a) Bronchopneumonia	1,366	364	201	502	201	37	36	25
(b) Lobar pneumonia	1,104	456	108	302	111	20	32	75
28. Other respiratory diseases (except tuberculosis)	274	100	37	61	49	10	12	5
29. Diarrhea and enteritis	200	48	25	71	42	5	7	2
(a) Diarrhea and enteritis under 2 years	136	36	13	52	25	4	4	2
30. Appendicitis	220	46	46	73	40	8	6	1
31. Diseases of the liver and biliary passages	2,041	667	330	529	357	34	92	32
32. Other digestive diseases	1,502	399	259	473	247	29	78	17
33. Nephritis, all forms	2,163	549	346	694	426	63	76	9
34. Other diseases of urinary and genital systems	833	208	137	281	146	15	41	5
35. Puerperal infection	36	15	5	14	2	.....	.....	.....
36. Other puerperal causes	112	34	14	42	18	1	3	.....
37. Diseases of the skin and bones	105	28	18	25	17	1	15	1
38. Diseases of early infancy	3,276	885	527	1,073	522	84	164	21
39. Old age	9	3	3	2	.....	.....	.....	1
40. Suicide	872	305	104	219	174	19	41	10
41. Homicide	325	133	47	89	15	.....	9	32
42. Motor vehicle accidents	630	161	116	168	110	17	28	30
43. Other accidents	2,885	929	391	758	405	65	128	209
44. Causes not known or ill-defined	12	1	1	2	5	1	.....	2

Numbers at left are those of Abridged International List, 1938 revision.
*Stillbirths and reported abortions.

Deaths by Borough of Residence, City of New York, 1949, by Cause

(According to the 6th Revision of the International Statistical Classification of Diseases, Injuries and Causes of Death)

	CAUSE OF DEATH	Total Recorded In New York City	Known Residents By Borough of Residence					Known Non-Residents of City	Permanent Res. Unknown
			Manhattan	Bronx	B'klyn	Queens	Rich'd		
	TOTAL, ALL CAUSES	78,593	21,971	12,853	25,125	12,730	1,940	2,869	1,105
1	Pulmonary tuberculosis	2,388	1,053	270	586	242	44	78	115
2.	Other forms tuberculosis	189	77	27	52	20	3	7	3
3.	Syphilis and its sequelae	312	127	38	84	38	6	10	9
4.	Typhoid fever	1	.....	1	.....	.....	.....	.....	.....
5.	Cholera	.....	.....	.....	.....	.....	.....	.....	.....
6.	Dysentery, all forms	3	.....	1	1	.....	.....	1	.....
7.	Scarlet fever and strep. throat	21	4	4	9	4	.....	.....	.....
8.	Diphtheria	2	.....	.....	1	1	.....	.....	.....
9.	Whooping cough	14	6	.....	7	1	.....	.....	.....
10.	Meningococcal infections	32	13	3	9	6	.....	1	.....
11.	Plague	.....	.....	.....	.....	.....	.....	.....	.....
12.	Acute poliomyelitis	189	24	23	93	32	7	10	.....
13.	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....
14.	Measles	8	1	1	3	2	1	.....	.....
15.	Typhus and other rickettsial diseases	.....	.....	.....	.....	.....	.....	.....	.....
16.	Malaria	1	1	.....	.....	.....	.....	.....	.....
17.	Other infective and parasitic diseases	129	50	21	29	16	3	9	1
	a. Infectious encephalitis	19	6	5	5	.....	1	2	.....
18.	Malignant neoplasms, all	15,318	3,892	2,616	4,848	2,553	356	971	82
	a. Lymphatic and hematopoietic	1,165	260	188	353	193	19	149	3
19.	Benign and unspecified neoplasms	369	83	67	104	59	6	49	3
20.	Diabetes mellitus	1,602	380	286	603	265	34	28	6
21.	Anemias	101	26	14	34	16	2	6	3
22.	Vascular lesions of nervous system	4,761	1,399	720	1,496	802	178	119	47
23.	Non-meningococcal meningitis	115	40	15	31	13	3	5	8
24.	Rheumatic fever	120	23	25	48	20	.....	4	.....
25.	Chronic rheumatic heart disease	1,646	426	302	520	317	30	41	10
26.	Arteriosclerotic heart disease	25,429	6,897	4,428	8,388	4,191	688	573	264
27.	Other diseases of the heart	105	29	29	17	23	1	5	1
28.	Hypertension with heart disease	5,892	1,481	917	2,228	1,009	125	104	28
29.	Hypertension without mention of heart disease	783	218	147	210	145	22	36	5
30.	Influenza	28	7	4	13	2	.....	2	.....
31.	Pneumonia	2,401	807	338	738	312	52	55	99
32.	Bronchitis	106	33	18	33	10	5	3	4
33.	Ulcer of stomach and duodenum	647	173	113	197	98	13	44	9
34.	Appendicitis	219	43	48	73	41	8	5	1
35.	Intestinal obstruction and hernia	526	134	89	185	87	9	18	4
36.	Gastritis, duodenitis, enteritis and colitis (except of newborn)	250	65	41	80	46	6	10	2
	a. 4 weeks and under 2 years	90	25	11	34	11	4	4	1
37.	Cirrhosis of liver	1,412	487	230	347	234	26	57	31
38.	Nephritis and nephrosis	637	186	92	211	93	22	31	2
39.	Hyperplasia of prostate	483	107	73	180	103	6	13	1
40.	Puerperal diseases	132	48	17	48	17	1	1	.....
	a. Puerperal sepsis	36	13	3	15	4	1	.....	.....
41.	Congenital malformations	875	205	153	274	131	25	82	5
42.	Birth injuries, asphyxia, atelectasis	1,145	325	167	423	165	20	35	10
43.	Infections of newborn	215	57	30	86	33	5	3	1
	a. Pneumonia of newborn	164	45	20	73	19	4	3	.....
	b. Diarrhea of newborn	35	7	3	11	13	.....	.....	1
44.	Other diseases of early infancy	1,167	329	181	350	209	41	51	6
45.	Ill defined and unknown conditions	34	8	5	5	7	3	3	3
46.	All other diseases	4,074	1,180	643	1,246	664	88	191	62
	a. Circulatory system	1,403	392	232	450	224	36	52	17
	b. Respiratory system	328	88	59	90	64	12	10	5
47.	Motor vehicle accidents	635	164	116	168	111	17	29	30
48.	All other accidents*	2,883	926	389	760	404	65	129	210
	a. Sunstroke	15	5	.....	6	4	.....	.....	.....
49.	Suicide	871	305	104	219	173	19	41	10
50.	Homicide	323	132	47	88	15	.....	9	32

Numbers at left are those of the Abridged International Statistical Classification of Diseases, Injuries and Causes of Death, 1948 Revision.

*Includes 1 death from late effects of suicide and 2 deaths from late effects of homicide.

Population in 1940 and Deaths in 1949, City of New York

Age	1940 Population by Age, Color and Sex						Deaths in 1949 by Age, Color and Sex					
	White		Negro		Other		White		Negro		Other	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All ages	3,455,003	3,522,498	205,727	252,717	15,563	3,487	40,114	31,237	3,704	3,295	216	27
Under 5	206,210	197,029	14,706	14,985	499	465	2,122	1,509	517	421	14	8
5-9	221,887	214,597	16,442	16,692	469	469	159	104	27	18	.....	1
10-14	265,679	258,741	17,294	18,554	480	360	120	87	20	14	.....	1
15-19	284,588	286,824	15,574	19,104	555	297	165	137	54	49	1	1
20-24	289,049	318,135	15,251	25,848	562	308	282	196	95	110	.....	1
25-29	301,328	343,262	20,008	30,970	1,222	363	311	285	134	137	4	1
30-34	308,050	329,637	21,924	29,256	1,808	352	390	444	183	154	3	1
35-39	304,806	309,413	23,418	28,768	2,726	290	753	627	254	210	4	.....
40-44	294,594	289,524	20,299	21,490	2,578	229	1,404	981	308	266	13	1
45-49	266,165	252,262	14,802	15,579	1,802	133	2,344	1,346	385	305	17	2
50-54	231,787	212,383	10,251	11,217	1,283	99	3,623	2,049	383	315	37	3
55-59	170,782	161,083	6,675	7,576	705	50	4,818	2,595	373	312	35	2
60-64	127,865	130,296	4,311	4,974	492	36	5,725	3,465	295	288	29	.....
65-69	86,370	97,299	2,676	3,845	229	20	5,535	3,942	268	256	34	1
70-74	53,153	64,217	1,219	1,978	102	6	5,003	4,389	199	189	11	1
75 and over	42,690	57,796	877	1,881	51	10	7,360	9,081	209	251	14	3

Cases of Reportable Infectious Diseases, City of New York, 1900-1949

Year	Pulmonary Tuberculosis	Diphtheria	Measles	Scarlet Fever	Chickenpox	Typhoid Fevers	Whooping Cough	Meningococcus Meningitis	Poliomyelitis	Syphilis	Gonorrhea	Influenza	Pneumonia	Epidemic Encephalitis
1900	11,997	12,913	19,298	6,683	1,226	2,658	174	7						
1901	13,703	12,329	11,990	16,692	2,437	2,748	113	13						
1902	12,914	15,319	20,251	11,894	3,269	3,871	313	10						
1903	15,214	18,317	13,689	10,887	4,181	3,671	1,066	20						
1904	18,723	18,158	32,861	13,495	4,263	3,412	1,016	482						
1905	20,831	13,686	19,026	8,071	5,473	4,326	2,637	2,755						
1906	20,085	14,757	38,653	7,881	4,667	3,467	2,177	1,032						
1907	19,725	15,276	16,637	15,788	4,308	4,426	1,920	828						
1908	23,325	16,431	38,276	24,426	5,928	3,058	1,182	380						
1909	25,667	15,097	31,950	12,475	6,765	3,499	2,752	346						
1910	32,065	16,940	35,374	18,924	5,534	3,582	2,018	242						
1911	24,513	13,485	25,540	15,794	6,758	3,450	3,210	266	358					
1912	22,752	13,533	39,018	12,716	7,649	3,076	2,132	250	504					
1913	22,674	14,845	29,350	10,739	6,897	2,643	3,529	232	310	10,623	7,440			
1914	21,604	17,129	25,793	11,105	9,632	2,260	3,798	318	129	21,128	9,526			
1915	22,141	15,279	38,186	9,879	8,721	2,455	6,771	174	95	17,335	9,709			
1916	19,297	13,521	21,603	5,814	9,617	1,617	7,460	263	9,023	20,128	6,341			
1917	17,494	12,624	27,519	6,260	8,548	1,442	5,597	322	139	19,833	8,312			
1918	14,439	11,454	28,675	4,460	4,196	1,238	5,558	477	134	17,320	6,538			
1919	14,570	14,014	8,194	4,594	5,326	854	1,658	317	42	19,241	5,677	25,218	10,325	118
1920	14,035	14,166	35,083	6,537	5,534	969	7,530	244	154	19,440	4,535	69,824	25,983	573
1921	12,966	15,110	7,738	13,516	8,041	899	5,808	279	588	14,096	5,287	2,486	14,143	528
1922	13,329	10,427	40,569	10,269	5,738	790	4,799	218	224	13,199	5,599	21,042	19,121	611
1923	11,336	8,050	13,999	8,237	8,671	890	4,484	133	577	16,879	6,817	16,061	15,952	923
1924	11,924	9,687	33,561	8,399	8,260	1,687	8,244	156	344	16,402	6,137	1,753	18,594	465
1925	10,955	9,051	9,483	8,840	7,546	1,417	4,826	120	307	15,630	5,466	1,745	15,651	327
1926	10,498	7,531	39,750	7,968	6,757	913	3,487	170	111	17,700	4,728	5,911	22,661	297
1927	10,873	13,507	2,101	18,339	9,444	762	6,052	177	537	24,324	7,006	2,048	18,273	232
1928	11,614	10,776	35,008	10,586	7,082	688	5,876	1,102	572	25,034	7,431	2,878	21,079	193
1929	11,938	8,548	2,537	7,952	9,264	607	2,944	1,000	71	28,772	8,840	11,121	21,132	173
1930	11,821	3,794	23,635	7,592	7,901	552	4,538	503	78	32,219	9,737	1,010	17,081	100
1931	11,794	3,999	26,519	11,900	9,113	637	8,643	392	4,138	34,894	9,745	4,498	21,116	97
1932	10,589	3,581	10,354	21,093	8,862	598	7,126	207	143	42,315	11,640	3,418	17,835	57
1933	9,991	1,891	36,216	8,262	11,966	588	6,009	114	831	42,242	11,164	2,617	16,972	86
1934	9,990	1,593	5,015	8,820	12,177	378	8,764	102	73	46,276	10,953	899	14,489	51
1935	8,796	1,189	28,490	14,602	10,866	349	8,703	529	2,054	47,659	11,069	622	13,185	69
1936	8,987	1,124	36,548	11,417	8,324	334	4,461	538	34	68,969	14,445	1,396	15,786	37
1937	9,128	1,184	12,091	10,058	12,723	299	4,653	228	243	88,101	17,872	4,181	16,393	55
1938	8,748	700	34,604	8,419	11,112	312	12,232	112	43	37,077*	12,935	447	12,969	38
1939	8,277	543	3,653	6,121	9,103	198	5,821	71	184	32,874	12,810	1,546	16,875	62
1940	8,212	386	10,496	13,569	13,046	171	5,775	48	67	30,718	14,639	791	13,808	28
1941	8,459	362	79,646	7,206	9,773	183	7,811	118	404	27,194	12,297	2,677	10,707	49
1942	9,145	392	2,261	7,009	10,978	119	9,240	411	88	30,036	12,022	441	10,130	52
1943	8,283	274	23,627	9,484	9,290	123	3,678	1,406	361	25,878	12,957	1,387	7,663	37
1944	7,229	232	26,048	8,509	8,441	122	2,810	1,104	1,890	23,069	14,489	266	5,981	37
1945	6,232	254	1,870	8,347	7,905	118	4,992	487	547	22,690	18,009	334	5,830	34
1946	6,386	366	22,408	8,009	6,586	110	2,135	246	716	26,765	24,350	394	3,930	38
1947	6,832	378	7,915	3,583	11,921	75	3,224	113	224	26,303	22,746	268	2,517	30
1948	7,359	167	28,960	2,420	10,214	58	1,591	120	703	25,366	23,422	233	2,563	33
1949	7,344	119	5,467	2,230	12,866	54	4,129	104	2,446	20,489	20,309	85	2,408	47

* Figures prior to 1938 were based on positive laboratory findings and included much duplication. Beginning with 1938 duplicates have, as far as possible, been omitted.

Age Specific Death Rates, Per 1,000 Population
City of New York, 1900-1940

Age	1901-'02-'03		1909-'10-'11		1919-'20*		1929-'30-'31		1939-'40-'41	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
0-4	60.3	52.6	50.2	43.2	32.4	26.5	19.4	15.4	11.3	8.8
5-9	5.8	5.2	4.2	3.9	3.8	3.1	2.5	2.0	1.0	0.8
10-14	2.8	2.8	2.4	2.3	2.4	2.2	1.7	1.3	0.9	0.7
15-19	4.8	4.1	3.9	3.1	4.0	3.7	2.6	2.2	1.3	1.1
20-24	7.3	6.0	5.3	4.6	5.8	5.4	3.4	3.2	1.7	1.6
25-29	9.5	8.2	6.9	5.9	6.5	6.9	3.8	3.4	2.2	2.0
30-34	12.6	9.8	9.6	7.6	7.7	7.0	5.1	4.1	3.1	2.4
35-39	15.1	11.6	13.0	9.3	9.2	7.3	7.0	5.0	4.5	3.2
40-44	19.0	13.2	16.5	11.2	10.9	9.0	10.1	6.9	7.0	4.8
45-49	22.0	15.0	20.8	14.3	15.2	12.1	14.8	10.5	11.2	7.4
50-54	29.2	22.8	26.5	19.1	20.6	16.3	22.0	15.0	17.2	11.5
55-59	38.8	31.4	37.0	28.8	30.1	24.8	32.0	23.4	25.9	17.5
60-64	51.4	43.8	51.4	44.1	40.8	33.8	44.7	35.3	37.9	26.8
65-69	69.9	60.5	68.5	58.9	60.1	55.0	62.0	50.2	55.0	40.8
70-74	95.8	85.2	89.6	81.2	85.1	79.5	84.3	73.3	78.9	62.5
75-79	141.0	119.3	127.3	114.4	116.2	107.6	120.7	109.2	111.4	93.3
80-84	175.9	157.9	167.4	159.6	162.6	143.6	170.9	151.2	149.8	141.5
85 & Over	252.3	223.0	257.4	232.3	224.8	210.2	242.8	227.5	230.5	222.2

* As Census date is the midpoint of the period presented, only two years are used for 1919-'20 calculation, the Census having been made on Jan. 1, 1920.

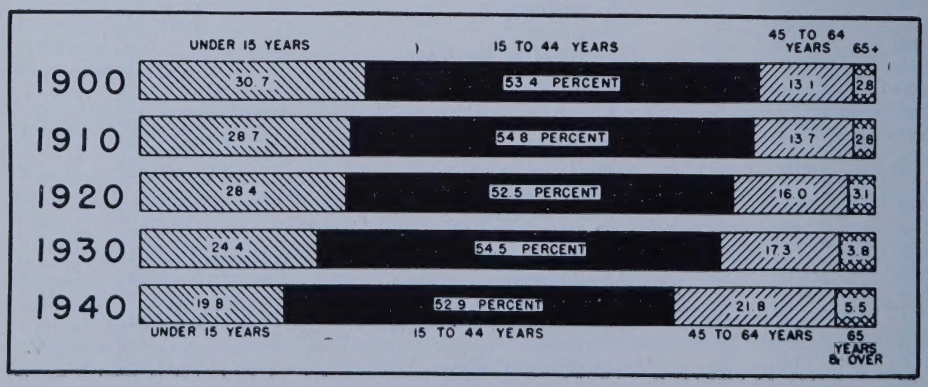
Standardized Death Rates* Per 100,000 Population
City of New York, 1900-1940

Cause of Death	Int. List Nos.	1901-'02-'03	1909-'10-'11	1919-'20	1929-'30-'31	1939-'40-'41
All causes		2,075.0	1,805.0	1,526.0	1,219.0	893.0
Pulmonary tuberculosis	(13)	204.3	172.2	126.6	63.6	40.0
Other forms tuberculosis	(14-22)	35.4	30.3	23.7	11.3	5.0
Influenza & pneumonia	(33, 107-109)	281.3	259.7	293.8	164.2	52.8
Cancer	(45-55)	83.2	94.8	101.7	116.7	125.1
Diabetes	(61)	16.6	19.3	19.9	26.3	31.2
Appendicitis	(121)	12.3	13.1	13.4	16.1	8.8
Nephritis	(130-132)	182.7	142.9	107.5	47.4	37.9
Diseases of circulatory system	(90-103)	193.6	299.0	325.6	376.2	303.0
Total degenerative diseases	(83a, 90-103,) (130-132)	469.6	467.5	450.4	433.1	370.5
Total accidents	(169-195)	94.2	82.1	70.5	71.7	47.0
Auto accidents	(170)	†	†	15.1	20.5	11.1
Other accidents	(169, 171-195)	†	†	55.5	51.1	35.8

* For 1901-'02-'03 and 1909-'10-'11, rates are standardized for age and sex; for 1919-'20, 1929-'30-'31 and 1939-'40-'41 rates are standardized for age, sex and color. Standard is the population of England and Wales in 1901. Rates were adjusted for sex and color according to the distribution of the population of states of the Death Registration Area of the United States in 1920.

† Data not available for 1901-1911.

New York City's Aging Population



Chief Causes of Death in Certain Age Groups*

City of New York, 1949

Males			Females	
Deaths	Per Cent	UNDER ONE YEAR	Deaths	Per Cent
580	25	Immaturity	444	27
550	24	Other Diseases of Early Infancy	364	22
336	15	Congenital Malformations	315	19
272	12	Pneumonia and Influenza	192	12
240	11	Injury at Birth	146	9
70	3	Diarrhea	45	3
55	2	Accidents	36	2
190	8	All Other Causes	107	6
2,293	100	Total	1,649	100
		1 TO 14 YEARS		
190	28	Accidents	76	15
101	15	Malignant Neoplasms	68	13
61	9	Pneumonia and Influenza	59	11
59	8	Poliomyelitis	38	7
50	7	Congenital Malformations	45	9
34	5	Heart Diseases	35	7
22	3	Other Contagious Diseases**	22	4
12	2	Tuberculosis	29	6
157	23	All Other Causes	142	28
686	100	Total	514	100
		15 TO 24 YEARS		
68	12	Tuberculosis	109	22
98	16	Malignant Neoplasms	67	14
98	16	Accidents	46	9
67	11	Heart Diseases	64	13
33	6	Poliomyelitis	24	5
43	7	Homicide	10	2
33	6	Suicide	18	4
26	4	Nephritis	9	2
19	3	Pneumonia and Influenza	11	2
.....	.....	Puerperal Diseases	30	6
112	19	All Other Causes	106	21
597	100	Total	494	100
		25 TO 44 YEARS		
1,005	27	Heart Diseases	636	20
527	14	Malignant Neoplasms	825	26
493	13	Tuberculosis	365	12
386	10	Accidents	122	4
144	4	Suicide	113	4
145	4	Cirrhosis of the Liver	111	4
145	4	Pneumonia and Influenza	77	2
78	2	Vascular Lesions of Central Nervous System	91	3
126	3	Homicide	42	1
71	2	Nephritis	54	2
52	1	Hypertension without mention of heart	51	2
.....	.....	Puerperal Diseases	101	3
589	16	All Other Causes	519	17
3,761	100	Total	3,107	100
		45 TO 64 YEARS		
8,071	45	Heart Diseases	4,073	38
3,880	22	Malignant Neoplasms	3,290	31
722	4	Vascular Lesions of Central Nervous System	689	6
936	5	Tuberculosis	173	2
802	4	Accidents	267	2
586	3	Cirrhosis of the Liver	274	3
503	3	Pneumonia and Influenza	199	2
235	1	Diabetes	350	3
288	2	Suicide	110	1
2,041	11	All Other Causes	1,257	12
18,064	100	Total	10,682	100
		65 AND OVER		
9,452	51	Heart Diseases	9,754	54
3,618	19	Malignant Neoplasms	2,828	16
1,405	7	Vascular Lesions of Central Nervous System	1,760	10
657	3	Accidents	780	4
544	3	Pneumonia and Influenza	511	3
491	3	Diseases of the Arteries	549	3
292	2	Diabetes	637	3
2,174	12	All Other Causes	1,294	7
18,633	100	Total	18,113	100

* Arranged in order of importance for both sexes combined.
** International List numbers 30-138, except 80 (Poliomyelitis).

YEAR	1922	1923	1924	1925	1926	1927	1928	192
Population	5,939,000	6,067,000	6,195,000	6,323,000	6,451,000	6,579,000	6,707,000	6,835
Total deaths	69,690	69,452	71,252	71,864	76,082	70,430	78,091	77,
Death rate	1,173	1,145	1,150	1,137	1,179	1,071	1,164	1,
Total deaths under 5 years	14,847	11,839	12,891	11,442	12,599	9,971	11,760	9,
Rate on estim. pop. under 5 years	2,685	2,153	2,335	2,073	2,308	1,820	2,158	1,
Deaths under 1 year of age	9,666	8,578	8,820	8,315	8,509	7,210	8,280	7,
Rate per 1,000 live births	75	66	68	65	68	56	66	
Measles (35)	977	245	506	130	706	37	346	
Rate#	163.0	41.2	85.2	21.8	119.3	6.3	58.7	
Whooping cough (9)	268	202	382	307	221	279	347	
Rate#	44.7	34.0	64.3	51.5	37.3	47.3	58.8	2
Scarlet fever (8)	216	107	80	75	77	102	69	
Rate#	13.2	6.5	4.8	4.5	4.6	6.1	4.1	
Diphtheria (10)	873	553	714	663	477	717	642	
Rate#	53.4	33.6	43.1	39.8	28.5	42.7	38.1	1
Typhoid fevers (1, 2)	129	140	184	199	111	78	87	
Rate	2.2	2.3	3.0	3.1	1.7	1.2	1.3	
Meningococcus meningitis (6)	110	77	104	94	114	120	540	
Rate	1.9	1.3	1.7	1.5	1.8	1.8	8.1	
Pulmonary tuberculosis (13)	5,033	4,951	4,780	4,776	4,828	4,444	4,636	4,
Rate	84.7	81.6	77.2	75.5	74.8	67.6	69.1	
Other forms tuberculosis (14-22)	769	722	801	699	680	696	690	
Rate	12.9	11.9	12.9	11.1	10.5	10.6	10.3	
Influenza (33)	869	1,158	549	665	1,157	630	899	1,
Rate	14.6	19.1	8.9	10.5	17.9	9.6	13.4	
Pneumonia (107-109)	8,794	8,231	9,152	8,397	10,521	7,523	10,019	9,
Rate	148.1	135.7	147.7	132.8	163.1	114.4	149.4	1
Other respiratory (104-6; 110-14)	920	521	498	541	673	545	662	
Rate	15.5	8.6	8.0	8.6	10.4	8.3	9.9	
Cancer (45-55)	5,945	6,287	6,557	6,784	7,033	7,455	7,725	7,
Rate	100.1	103.6	105.8	107.3	109.0	113.3	115.2	1
Diabetes (61)	1,448	1,360	1,177	1,313	1,485	1,461	1,663	1,
Rate	24.4	22.4	19.0	20.8	23.0	22.2	24.8	2
Appendicitis (121)	883	887	946	1,022	1,022	1,018	1,043	1,
Rate	14.9	14.6	15.3	16.2	15.8	15.5	15.6	
Nephritis (130-2)	4,450	4,367	3,705	3,912	4,360	3,182	3,433	3,
Rate	74.9	72.0	59.8	61.9	67.6	48.4	51.2	4
Diseases of circulatory sys. (90-103)	17,350	18,453	19,616	19,453	20,463	20,178	22,152	23,
Rate	292.1	304.1	316.6	307.7	317.2	306.7	330.3	3
Cerebral hem., apoplexy (83a)	501	597	763	847	978	818	667	
Rate	8.4	9.8	12.3	13.4	15.2	12.4	9.9	
Total degenerative diseases†	22,301	23,417	24,084	24,212	25,801	24,178	26,252	27,
Rate	375.5	386.0	388.7	382.9	400.0	367.5	391.4	3
Suicides (163, 164)	789	825	829	935	904	1,073	1,182	1,
Rate	13.3	13.6	13.4	14.8	14.0	16.3	17.6	
Homicides (165-168)	337	308	387	337	340	366	402	
Rate	5.7	5.1	6.2	5.3	5.3	5.6	6.0	
Automobile accidents (170)**	870	945	961	1,022	1,069	1,095	1,075	1,
Rate	14.6	15.6	15.5	16.2	16.0	16.6	16.0	
Other accidents (169, 171-195)	2,801	3,249	3,239	3,765	3,674	3,509	3,589	3,
Rate	47.2	53.6	52.3	59.5	57.0	53.3	53.5	5
Puerperal diseases (140-150)	699	623	678	697	595	694	668	
Rate per 10,000 total births	51	46	50	52	45	51	50	
Rate per 10,000 live births	54	48	52	54	47	54	53	

Note:—Numbers following disease names are numbers of International List, 5th Revision in the left hand stub, and 6th
#Rates for measles and whooping cough, per 100,000 under five years; rates for scarlet fever and diphtheria per 100,00
*Coding changed in 1935, giving greater weight to Cerebral Hemorrhage than to Arteriosclerosis. **Motorcycle accidents

614.1
N483s
1940

Population, Deaths and Crude Death Rates per 100,000 Population, City of New York, 1922 to

9	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
000	6,944,000	6,996,000	7,048,000	7,101,000	7,153,000	7,206,000	7,258,000	7,311,000	7,363,000	7,416,000	7,466,000	7,511,000
482	74,888	77,418	74,319	75,153	75,857	75,057	77,638	77,465	73,775	75,439	76,008	74,553
134	1,078	1,107	1,054	1,058	1,060	1,042	1,069	1,059	1,002	1,017	1,018	993
836	9,224	8,968	7,409	7,422	6,726	6,282	5,689	5,618	4,891	4,584	4,402	4,162
818	1,721	1,689	1,436	1,490	1,404	1,363	1,269	1,216	1,087	1,045	907	836
281	7,030	6,427	5,594	5,508	5,287	4,790	4,490	4,457	3,910	3,793	3,746	3,519
59	57	56	51	53	52	48	46	44	38	37	35	31
30	154	134	58	213	25	105	83	28	42	1	3	25
5.1	26.4	23.2	10.2	38.9	4.7	20.7	16.9	5.8	8.8	0.2	0.6	5.0
157	125	214	145	128	106	148	48	49	105	38	49	45
6.8	21.4	37.0	25.6	23.4	20.1	29.1	9.8	10.2	22.0	7.9	10.1	9.0
68	57	84	134	59	53	76	64	31	17	16	14	7
4.0	3.4	5.0	7.9	3.5	3.1	4.5	3.8	1.9	1.1	1.0	0.9	0.5
463	198	186	210	86	103	68	35	58	26	22	10	10
7.4	11.7	11.0	12.4	5.1	6.1	4.0	2.1	3.6	1.6	1.4	0.7	0.7
76	62	77	64	70	44	34	33	26	26	22	12	14
1.1	0.9	1.1	0.9	1.0	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2
486	267	207	114	73	73	243	226	101	53	36	17	42
7.1	3.8	3.0	1.6	1.0	1.0	3.4	3.1	1.4	0.7	0.5	0.2	0.6
507	4,457	4,370	3,997	4,056	3,950	3,968	4,170	3,931	3,481	3,494	3,323	3,372
5.9	64.2	62.5	56.7	57.1	55.2	55.1	57.5	53.8	47.3	47.1	44.5	44.9
553	632	552	543	521	470	403	415	333	352	320	304	343
9.6	9.1	7.9	7.7	7.3	6.6	5.6	5.7	4.6	4.8	4.3	4.1	4.6
202	483	956	785	718	373	295	293	468	162	200	128	119
7.6	7.0	13.7	11.1	10.1	5.2	4.1	4.0	6.4	2.2	2.7	1.7	1.6
456	8,058	9,245	7,827	7,686	6,755	6,385	6,549	6,504	4,737	4,234	3,410	3,383
8.4	116.0	132.2	111.1	108.2	94.4	88.6	90.2	89.0	64.3	57.1	45.7	45.0
570	560	652	599	480	656	585	590	571	498	523	498	499
9.8	8.1	9.3	8.5	6.8	9.2	8.1	8.1	7.8	6.8	7.1	6.7	6.6
148	8,125	8,336	8,573	8,932	9,502	9,969	10,506	10,714	11,160	11,597	12,310	12,069
4.8	117.0	119.2	121.7	125.8	132.8	138.3	144.8	146.5	151.6	156.4	164.9	160.7
726	1,784	1,921	2,116	2,141	2,266	2,255	2,571	2,669	2,650	2,938	3,106	3,064
5.3	25.7	27.5	30.0	30.2	31.7	31.3	35.4	36.5	36.0	39.6	41.6	40.8
171	1,111	1,157	1,065	1,149	1,006	920	1,049	935	825	800	677	564
5.7	16.0	16.5	15.1	16.2	14.1	12.8	14.5	12.8	11.2	10.8	9.1	7.5
77	2,905	2,806	2,972	3,638	4,484	4,141	4,041	3,847	3,589	3,353	3,545	3,242
6.5	41.8	40.1	42.2	51.2	62.7	57.5	55.7	52.6	48.7	45.2	47.5	43.2
83	22,999	23,487	23,524	23,541	25,696	22,282	24,093	24,756	25,227	26,672	27,809	28,052
1.7	331.2	335.8	333.8	331.5	359.2	309.2	332.0	338.6	342.6	359.7	372.5	373.5
56	588	682	544	749	602	*3,233	3,130	3,025	2,746	2,800	2,700	2,675
8.3	8.5	9.7	7.7	10.5	8.4	44.9	43.1	41.4	37.3	37.8	36.2	35.6
26	26,492	26,975	27,040	27,928	30,782	29,656	31,264	31,628	31,562	32,825	34,054	33,969
6.4	381.5	385.6	383.7	393.3	430.3	411.5	430.8	432.6	428.7	442.7	456.1	452.3
55	1,403	1,500	1,595	1,343	1,239	1,170	1,116	1,140	1,246	1,190	1,263	1,039
.4	20.2	21.4	22.6	18.9	17.3	16.2	15.4	15.6	16.9	16.0	16.9	13.8
25	494	586	580	541	458	447	380	373	309	303	290	286
.2	7.1	8.4	8.2	7.6	6.4	6.2	5.2	5.1	4.2	4.1	3.9	3.8
14	1,290	1,298	1,179	1,137	1,145	1,078	932	983	908	880	896	858
.7	18.6	18.6	16.7	16.0	16.0	15.0	12.8	13.4	12.3	11.9	12.0	11.4
18	3,578	3,336	3,091	3,101	3,316	3,179	3,296	3,203	2,924	3,123	2,989	2,881
5	51.5	47.7	43.9	43.7	46.4	44.1	45.4	43.8	39.7	42.1	40.0	38.4
9	667	698	663	665	492	523	459	408	357	320	315	250
8	52	58	58	61	46	50	44	38	33	29	27	20
1	54	60	60	64	49	52	47	40	35	31	29	22

Revision in the right hand stub.
under fifteen years. †Includes nephritis, diseases of circulatory system, and cerebral hemorrhage (apoplexy).
ot involving collisions with automobiles are included with other accidents, except in the 6th Revision. ‡Rate is less than 0.05

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1942	1943	1944	1945	1946	1947	1948	1949 5th Rev.	1949 6th Rev.	
555,000	7,600,000	7,644,000	7,689,000	7,733,000	7,778,000	7,822,000	7,867,000	7,867,000	Population
75,674	83,174	78,783	79,726	78,481	80,733	81,651	78,593	78,593	Deaths
1,002	1,094	1,031	1,037	1,015	1,038	1,044	999	999	Rate
4,387	4,758	4,506	4,588	4,902	5,082	4,727	4,591	4,591	Deaths under 5
841	860	777	764	778	760	676	630	630	Rate
3,805	4,069	3,829	3,918	4,239	4,517	4,138	3,942	3,942	Infant deaths
29	30	31	30	28	26	26	25	25	Rate
1	19	22	3	23	2	24	8	8	Measles (85)
0.2	3.4	3.8	0.5	3.6	0.3	3.4	1.1	1.1	Rate#
58	43	33	35	12	13	8	14	14	Whooping cough (56)
11.1	7.8	5.7	5.8	1.9	1.9	1.1	1.9	1.9	Rate#
8	12	8	6	2	1	0	1	1	Scarlet fever (50)
0.6	0.9	0.5	0.4	0.1	0.1	.....	0.1	0.1	Rate#
7	16	6	15	18	12	6	2	2	Diphtheria (55)
0.5	1.1	0.4	1.0	1.1	0.7	0.3	0.1	0.1	Rate#
5	5	15	11	8	2	4	4	3	Typhoid fevers (40, 41)
0.1	0.1	0.2	0.1	0.1	‡	0.1	0.1	‡	Rate
84	246	199	102	59	35	25	32	32	Meningococcus men. (57)
1.1	3.2	2.6	1.3	0.8	0.4	0.3	0.4	0.4	Rate
3,228	3,343	3,250	3,211	2,997	2,920	2,880	2,460	2,388	Pulmonary tuberculosis (1-8)
42.7	44.0	42.5	41.8	38.8	37.5	36.8	31.3	30.4	Rate
274	317	284	302	248	208	232	192	189	Other tuberculosis (10-19)
3.6	4.2	3.7	3.9	3.2	2.7	3.0	2.4	2.4	Rate
68	170	112	73	65	41	38	27	28	Influenza (480-483)
0.9	2.2	1.5	0.9	0.8	0.5	0.5	0.3	0.4	Rate
2,957	3,862	3,470	3,053	2,936	2,964	2,999	2,492	2,565	Pneumonia (490-493, 763)
39.1	50.8	45.4	39.7	38.0	38.1	38.3	31.7	32.6	Rate
457	573	537	395	439	396	438	393	270	Other respiratory (470-475, 500-527)
6.0	7.5	7.0	5.1	5.7	5.1	5.6	5.0	3.4	Rate
12,993	13,198	13,609	13,978	14,067	14,644	15,169	15,158	15,318	Cancer (140-205)
172.0	173.7	178.0	181.8	181.9	188.3	193.9	192.7	194.7	Rate
3,088	3,262	3,130	3,112	3,051	3,481	3,736	3,612	1,602	Diabetes (260)
40.9	42.9	40.9	40.5	39.5	44.8	47.8	45.9	20.4	Rate
439	434	389	378	291	276	251	220	219	Appendicitis (550-553)
5.8	5.7	5.1	4.9	3.8	3.5	3.2	2.8	2.8	Rate
3,042	3,393	2,909	2,819	2,686	2,602	2,435	2,163	637	Nephritis (590-594)
40.3	44.6	38.1	36.7	34.7	33.5	31.1	27.5	8.1	Rate
29,091	33,528	31,607	32,152	31,642	32,664	33,310	32,078	35,378	Circulatory system (400-468)
385.1	441.2	413.5	418.2	409.2	420.0	425.9	407.8	449.7	Rate
2,726	2,857	2,757	2,903	2,774	2,542	2,702	2,621	2,648	Cerebral hemorrhage (331)
36.1	37.6	36.1	37.8	35.9	32.7	34.5	33.3	33.7	Rate
34,859	39,778	37,273	37,874	37,102	37,808	38,447	36,862	38,663	Total degenerative†
461.4	523.4	487.6	492.6	479.8	486.1	491.5	468.6	491.5	Rate
1,013	860	737	888	956	933	902	872	872	Suicides (963, 970-979)
13.4	11.3	9.6	11.5	12.4	12.0	11.5	11.1	11.1	Rate
267	225	228	317	374	369	342	325	325	Homicides (964, 980-985)
3.5	3.0	3.0	4.1	4.8	4.7	4.4	4.1	4.1	Rate
823	723	583	651	692	637	577	624	635	Automobile accidents** (810-835)
10.9	9.5	7.6	8.5	8.9	8.2	7.4	7.9	8.1	Rate
2,955	3,246	3,029	3,344	3,260	3,270	3,236	2,891	2,880	Other accidents (800-802, 840-962)
39.1	42.7	39.6	43.5	42.2	42.0	41.4	36.7	36.6	Rate
306	292	222	205	179	185	169	148	132	Puerperal diseases (640-689)
22	20	17	15	11	10	10	9	8	Rate—Total Births
23	22	18	16	12	11	11	9	8	Rate—Live Births

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